

Volume 35, THE SCIENCE TEACHER

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- Curriculum:**
- Bases of Science Curriculum Development in the Future.* Wilber S. Slawson. March: 22.
 - The Science Curriculum Viewed Nationally.* Claude Gatewood. November: 18.
 - The Systems Approach, A New Educational Technique.* Edward H. Decker. November: 26.
- Curriculum in Science.** Norman D. Anderson. November: 17.
- Defining the Processes of Science: A Statement by Educators in India.** Walter R. Brown. December: 26.
- Desert Classroom, The.** Mary E. Harris. October: 59. (With the Schools).
- Determining Duration of Stages of Mitosis.** Ronald F. Romig. February: 51. (Classroom Ideas).
- Determining Ionic Equilibria.** Richard W. Rose and Grover C. Willis. April: 28.
- Difference Is in the Kind of Energy, The.** Laurence E. Strong. May: 57. (TST Forum).
- Disadvantaged Students:**
- A Success-Oriented Program for the Educationally Deprived.* N. Eldred Bingham and C. Hines Cronin. November: 38.
 - Summer Science: City Programs for the Disadvantaged.* NSTA Staff Report. October: 25.
- Discovering Organic Chemistry.** Harrie E. Caldwell. November: 63. (Classroom Ideas).
- Dual Responsibilities of a Professional Society, The.** Arnold B. Grobman. November: 16. (Editorial).
- Ecology of Sand Dunes, The.** William H. Amos. February: 15.
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 - Convention.* Leo Schubert. March: 12.
 - Issues in Science Education.* Arnold B. Grobman. January: 18.
 - Our Happening.* Philip G. Johnson. September: 12.
 - Our NEA Relationship.* Elizabeth A. Simendinger. October: 19.
 - The Dual Responsibilities of a Professional Society.* Arnold B. Grobman. November: 16.
 - The Voice of NSTA.* Morris H. Shamos. May: 12.
- Energy Conversion in Biological Systems.** Walter Bertsch. September: 60. (Science Seminar).
- Energy, Improving Concepts of.** Laurence E. Strong and Jay A. Young. December: 8. (TST Forum).
- Energy, The Difference Is in the Kind of.** Laurence E. Strong. May: 57. (TST Forum).
- Engineering Concepts, Building a High School Course on.** Donald L. Wise. April: 41. (With the Schools).
- Environmental Learning—An Experimental Summer Program.** Jay E. Anderson and Norman Jacobson. April: 37. (With the Schools).
- Environmental Pollution Experiments.** Elbert C. Weaver. April: 24.
- Equipment for Circular Chromatography.** Robert C. Olsen and Burton L. Nessel. September: 73. (Classroom Ideas).
- ESP Without Cards.** R. A. McConnell. September: 29.
- Evolution, The Origin and Maintenance of Genetic Variation in the Process of.** John W. Crenshaw. November: 79. (Science Seminar).
- Excursion into Junior High Science Teaching, An.** Russell C. Oakes. October: 21.
- Experimental Earth Science for Eighth Grade: A Cooperative College-School Science Program.** Jon L. Higgins and Robert E. Boyer. January: 51. (With the Schools).
- Extraction and Identification of Tissue Lipids by Chromatography.** Weldon L. Witters. May: 53. (Classroom Ideas).
- First year science teachers: The Concept of FYST.** Marvin Druger. September: 65. (STAR).
- Found: The Missing Physics Students.** Buel C. Robinson and Thomas E. Keefe. January: 67. (Classroom Ideas).
- Geology and Man.** John W. Shrum. December: 12. (Science Seminar).
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- Get to the "Point" . . . for a Really Big Blowup.** Alton S. Yarian. November: 31. (STAR).
- Good Year for Aurora, A.** Michael Gadsden and Joann T. Temple. December: 24.
- Grasshoppers: Summer Companions: The Grasshoppers.** Millard C. Davis. May: 44.
- Grassland Study Launched in the International Biological Program.** U.S. National Committee for the IBP. December: 21.
- Guidelines for Content of Preservice Professional Education for Secondary School Science Teachers.** Association for the Education of Teachers in Science and Cooperative Committee on the Teaching of Science and Mathematics. May: 85.
- Half-Life Analog Using Sugar Cubes.** Raymond A. Castillo and Roger W. Ward. October: 83. (Classroom Ideas).
- Headlines of the Future.** Stanley Simmons and Robert Link. April 15.
- Hearing Is Believing . . . Or Is It?** Byron E. Jordan. October: 80. (Classroom Ideas).
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- How Does Your Model Grow?** Stewart P. Darrow. January: 19.
- Human Intelligence: The Culture-Related View.** E. Paul Torrance. September 21.
- Human Intelligence: The Physiological View.** Lewis Jacobs. September: 13.
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- Human Rights: YOU and UNESCO.** John S. Richardson. December: 54.
- Image in a Plane Mirror.** Gilbert Billings. November: 63. (Classroom Ideas).
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- Independent Study Science Program at Marple Newtown High School, The.** James V. DeRose. May: 48. (STAR).
- Integrated Science Education for Nonscience Students in a Large University.** Isidore Hudes and George Moriber. February: 39. (With the Schools).
- Integrated Teaching of the Sciences, Toward An.** Kevin W. Keohane. October: 39. (Science Seminar).
- International Biological Program, Grassland Study Launched in the.** U.S. National Committee for the IBP. December: 21.
- International Education:**
- A Soviet Experiment in Science Education.* William D. Romey. January: 43.
 - Defining the Processes of Science: A Statement by Educators in India.* Walter R. Brown. December: 26.
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 - UNESCO Pilot Project for Biology Teaching in African Secondary Schools.* David L. Lehman. May: 35.
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- Junior High:**
- Experimental Earth Science for Eighth Grade: A Cooperative College-School Science Program.* Jon L. Higgins and Robert E. Boyer. January: 51. (With the Schools).
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 - The Who for What in Junior High School Science Education.* D. G. Singletary. April: 53. (TST Forum).
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Motor Effect, The. Verdine E. Trout. September: 74. (Classroom Ideas).

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Origin and Maintenance of Genetic Variation in the Process of Evolution, The. John W. Crenshaw. November: 79. (Science Seminar).

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PACE in Appalachia. Jim Cost. April: 39. (With the Schools).

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Power of Ideas, The. Robert C. Haynes. October: 60. (With the Schools).

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Problematical Migration of Birds, The. Richard R. Graber. April: 16.

Productivity Interaction, Basis for Science Education in the 21st Century. Donald W. Stotler. February: 13.

Projecting Reactions Involving Colors. C. H. Breedlove, Jr. December: 65. (Classroom Ideas).

Projection Device: Get to the "Point" . . . for a Really Big Blowup. Alton S. Yarian. November: 31. (STAR).

Properties of Simple Liquids. Stuart A. Rice. May: 17. (Science Seminar).

Psychological Controversies in the Teaching of Science and Mathematics. Lee S. Shulman. September: 34.

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Reply to Atkin on Behavioral Objectives. Charles A. Koepke, III. November: 12. (TST Forum).

Reply to a Student's Inquiry. Kenneth J. Molchen. October: 87. (TST Forum).

Research, The Art We Call. Oakley S. Ray. September: 39.

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Science and Humanities Conferences, An Argument for. Leonard M. Krause. December: 33.

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Science Fairs, Not Contests. Edwin L. Shay. April: 55. (TST Forum).

Science in the New Humanism. J. Bronowski. May: 13.

Science-Technology: An Introduction to Technology for High School Students. Stephen Hopkins. May: 39. (With the Schools).

Simple Day-Night Reversal Cage for the Classroom. A. P. W. Ogilvie. March: 53. (Classroom Ideas).

Simple Method for Filling a Dumas Bulb, A. Edward J. Parrish. February: 55. (Classroom Ideas).

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Simulation As a Method of Instruction. Richard L. Wing. May: 41. (With the Schools).

Slow Learners: A Computer Model for the Slow Student. Paul Geisert. March: 13.

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Space Photography Yields Information on Himalayan Geology. Maynard M. Miller. February: 28.

STANYS Outlines Good Working Conditions. October: 63.

Statistics: Chance, Uncertainty, and Truth in Science. W. J. Youden. November: 72. (Science Seminar).

Success-Oriented Program for the Educationally Deprived. A. N. Eldred Bingham and C. Hines Cronin. November: 38.

Summer Companions: The Grasshoppers. Millard C. Davis. May: 44.

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Systems Approach, The, A New Educational Technique. Edward H. Decker. November: 26.

Tape Recorders Aid Individualized Instruction in Chemistry. J. Thomas Head and Olaf Runquist. February: 53. (Classroom Ideas).

Teacher Education:

Guidelines for Content of Preservice Professional Education for Secondary School Science Teachers. Association for the Education of Teachers in Science and Cooperative Committee on the Teaching of Science and Mathematics. May: 85.

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Tides, An Investigation of: Are They Related to the Moon? Robert G. Anderson. April: 21. (STAR).

Toward an Integrated Teaching of the Sciences. Kevin W. Keohane. October: 39. (Science Seminar).

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UNESCO, YOU and. John S. Richardson. December: 54.

Using the Cubic Meter as a Teaching Model. Donald M. Tignor. March: 56. (Classroom Ideas).

Valhalla via the Planetarium. John M. Roberts. December: 66. (Classroom Ideas).

Voice of NSTA, The. Morris H. Shamos. May: 12. (Editorial).

Who for What in Junior High School Science Education, The. D. G. Singletary. April: 53. (TST Forum).

Why the Florida Science Study Program? Doris M. Timpano. February: 25. (Out of the Classroom).

With Bernoulli and Toricelli. John Heck. January: 64. (Classroom Ideas).

YOU and UNESCO. John S. Richardson. December: 54.

Youth Speaks on Education: Aim for Education for the Future. Fred Greensite. November: 29.

Youth Speaks on Education: Today's Educational System. Elin Kristin Hansen. November: 28.

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Drug Abuse Education at Preconvention Meeting. December: 5.

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Newest Addition to NSTA's "How To" Series. December: 6.

New NSTA Bibliographies of Textbooks and Courses of Study. April: 5.

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